

	Type	Hits	Search Text
1	BRS	1	10/735016
2	BRS	1	S2 and ('othr than' '45' pulish\$5 cut\$5 grind\$4 cleav\$5 saturat\$5)
3	BRS	294	(fiber\$1 fibre\$1 waveguide\$1) near7 end near5 angle\$2 near4 reflect\$5 same (receiv\$4 detect\$5 photodiod\$3 photodetect\$5 detect\$5 laser\$1 sourc\$2 vcsel emit\$4)
4	BRS	236	(fiber\$1 fibre\$1) near7 end near5 angle\$2 near4 reflect\$5 same (receiv\$4 detect\$5 photodiod\$3 photodetect\$5 detect\$5 laser\$1 sourc\$2 vcsel emit\$4)
5	BRS	136	(fiber\$1 fibre\$1) near7 end near5 angle\$2 near4 reflect\$5 near12 (receiv\$4 detect\$5 photodiod\$3 photodetect\$5 detect\$5 laser\$1 sourc\$2 vcsel emit\$4)
6	BRS	57560	"385"/\$.ccls.
7	BRS	63	S6 and S7
8	BRS	63	S8 and angle\$1
9	BRS	6	("20050047717" "59999670" "20040120675" "5764832" "5999670" "6236786" "6330377").pn.
10	BRS	1	10/329252
11	BRS	6	S10 S11
12	BRS	4	S10 and (receiv\$4 detect\$5 photodiod\$3 photodetect\$5 detect\$5) same (laser\$1 sourc\$2 vcsel emit\$4)
13	BRS	5	S10 and (receiv\$4 detect\$5 photodiod\$3 photodetect\$5 detect\$5 laser\$1 sourc\$2 vcsel emit\$4)
14	BRS	4	S15 and (fiber fibre)
15	BRS	6	("20050053334" "20030235366" "20030077053" "6904197" "6873780" "5734765").pn.
16	BRS	4	S16 and (fiber fibre)

	DBs	Time Stamp
1	US-PGPUB; USPAT; EPO; JPO; DERWENT	2006/06/28 16:50
2	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/07/05 15:43
3	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/07/05 17:53
4	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/07/05 17:51
5	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/07/05 17:53
6	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/07/05 15:51
7	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/07/05 15:52
8	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/12/20 20:48
9	US-PGPUB; USPAT	2005/07/05 17:15
10	US-PGPUB; USPAT	2005/07/05 17:16
11	US-PGPUB; USPAT	2005/07/05 17:17
12	US-PGPUB; USPAT	2005/07/05 17:19
13	US-PGPUB; USPAT	2005/07/05 17:33
14	US-PGPUB; USPAT	2005/07/05 17:32
15	US-PGPUB; USPAT	2005/07/05 17:32
16	US-PGPUB; USPAT	2005/07/05 17:32

	Type	Hits	Search Text
17	BRS	6	S17 and (fiber fibre)
18	BRS	5	S17 and (fibers fibres)
19	BRS	5	S20 and (receiv\$4 detect\$5 photodiod\$3 photodetect\$5 detect\$5 laser\$1 sourc\$2 vcsel emit\$4)
20	BRS	0	S10 and S17
21	BRS	12	S10 S17
22	BRS	3	S23 and attenua\$5
23	BRS	2	"5999670".pn.
24	BRS	0	S25 and S9
25	BRS	0	S25 and S9
26	BRS	0	S25 and S5
27	BRS	1	S25 and (fiber\$1 fibre\$1) same angle\$2 same reflect\$5 same (receiv\$4 detect\$5 photodiod\$3 photodetect\$5 detect\$5 laser\$1 sourc\$2 vcsel emit\$4)
28	BRS	371	(fiber\$1 fibre\$1 waveguide\$1) near7 angle\$2 near4 reflect\$5 near7 (laser\$1 sourc\$2 vcsel emit\$4)
29	BRS	5	(fiber\$1 fibre\$1 waveguide\$1) near4 tip near7 angle\$2 near4 reflect\$5 near7 (laser\$1 sourc\$2 vcsel emit\$4)
30	BRS	5	S23 and (polish\$4)
31	BRS	1	S29 and angle\$1
32	BRS	1	10/735016
33	BRS	1	"5999670".pn.
34	BRS	1	S34 and (waveguides fibers fibres coupler\$1 interferom\$5 branch\$4 mzi\$1)

	DBs	Time Stamp
17	US-PGPUB; USPAT	2005/07/05 17:33
18	US-PGPUB; USPAT	2005/07/05 17:33
19	US-PGPUB; USPAT	2006/06/28 20:14
20	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/07/05 17:41
21	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/07/05 17:41
22	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/07/05 17:49
23	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/07/06 10:55
24	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/07/05 17:50
25	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/07/05 17:50
26	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/07/05 17:51
27	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/07/05 17:52
28	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/07/05 17:55
29	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/07/05 17:56
30	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/07/05 17:59
31	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/12/20 20:00
32	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/07/06 12:44
33	US-PGPUB; USPAT	2005/07/06 12:44
34	US-PGPUB; USPAT	2005/07/06 10:58

	Type	Hits	Search Text
35	BRS	1	S34 and (waveguides fibers fibres coupler\$1 interferom\$5 branch\$4 mzi\$1) same (detect\$5 sourc\$2 laser\$4 light transmi\$6 receiv\$5)
36	BRS	1	S34 and (waveguides fibers fibres coupler\$1 interferom\$5 branch\$4 mzi\$1) same (detect\$5 emit\$4 sourc\$2 laser\$4 light transmi\$6 receiv\$5)
37	BRS	1	S34 and (loss\$4 same (improv\$4 smooth\$5))
38	BRS	1	10/735016
39	BRS	1	"5999670".pn.
40	BRS	1	S40 and (light power intensit\$5 loss\$4 saturat\$4)
41	BRS	2	"5999670".pn.
42	BRS	1	S42 and (fiber\$1 fibre\$1) same angle\$2 same reflect\$5 same (receiv\$4 detect\$5 photodiod\$3 photodetect\$5 detect\$5 laser\$1 sourc\$2 vcsel emit\$4)
43	BRS	1	S43 and angle\$1
44	BRS	2	S42 and (reflect\$5 mirror\$1 polish\$4) near7 (waveguide\$1 fiber\$1 fibre\$1)
45	BRS	2	S42 and (reflect\$5 mirror\$1 polish\$4) near12 (waveguide\$1 fiber\$1 fibre\$1)
46	BRS	1	S46 and polish\$5 near5 (waveguide\$1 fiber\$1 fibre\$1)
47	BRS	143	(fiber\$1 fibre\$1) near7 end near5 angle\$2 near4 reflect\$5 near12 (receiv\$4 detect\$5 photodiod\$3 photodetect\$5 detect\$5 laser\$1 sourc\$2 vcsel emit\$4)
48	BRS	59569	"385"/\$.ccls.
49	BRS	65	S48 and S49
50	BRS	1	"5999670".pn.

	DBs	Time Stamp
35	US-PGPUB; USPAT	2005/07/06 10:59
36	US-PGPUB; USPAT	2005/07/06 11:37
37	US-PGPUB; USPAT	2005/07/06 12:43
38	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/07/06 12:44
39	US-PGPUB; USPAT	2005/07/06 12:44
40	US-PGPUB; USPAT	2005/07/06 12:45
41	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/12/20 20:00
42	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/12/20 20:05
43	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/12/20 20:00
44	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/12/20 20:06
45	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/12/20 20:19
46	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/12/20 20:19
47	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/12/20 20:48
48	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/12/20 20:48
49	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/12/20 20:48
50	US-PGPUB; USPAT	2006/06/28 19:14

	Type	Hits	Search Text
51	BRS	1	10/735016
52	BRS	1	S53 and (attenuat\$5 similar\$4 '45')
53	BRS	0	S53 and (attenuat\$5 same similar\$4)
54	BRS	0	S53 and (attenuat\$5 same (analogou\$4 similar\$4))
55	BRS	1	S53 and (angl\$4 degree\$2) and attenu\$5
56	BRS	0	S52 and (angl\$4 degree\$2) and attenu\$5
57	BRS	1	S52 and (angl\$4 degree\$2) and (reduc\$4 intensit\$4 attenu\$5 less\$5)
58	BRS	1	S52 and (angl\$4 degree\$2) near12 (waveguide\$2 fiber\$1 fibre\$1) and (reduc\$4 intensit\$4 attenu\$5 less\$5)
59	BRS	1	S52 and (angl\$4 degree\$2) near12 (face\$2 waveguide\$2 fiber\$1 fibre\$1) and (reduc\$4 intensit\$4 attenu\$5 less\$5)
60	BRS	1	S52 and (angl\$4 degree\$2) near12 (face\$2) and (reduc\$4 intensit\$4 attenu\$5 less\$5)
61	BRS	1	"5999670".pn.
62	BRS	0	S64 and (attenuat\$5 same (loss\$4 intensi\$5 magnit\$4 wavelength\$2))
63	BRS	0	S64 and (attenuat\$5 same (reduc\$3 loss\$4 intensi\$5 magnit\$4 wavelength\$2)) and (reduc\$3 loss\$4 intensi\$5 magnit\$4 wavelength\$2)
64	BRS	1	S64 and (attenuat\$5)
65	BRS	0	S64 and (attenuat\$5 degree\$2) same (reduc\$3 loss\$4 intensi\$5 magnit\$4 wavelength\$2) and (reduc\$3 loss\$4 intensi\$5 magnit\$4 wavelength\$2)
66	BRS	0	S64 and (attenuat\$5 degree\$2) and (reduc\$3 loss\$4 intensi\$5 magnit\$4 wavelength\$2)
67	BRS	0	S64 and (attenuat\$5 degree\$2) and (reduc\$3 loss\$4 intensi\$5 magnit\$4 wavelength\$2)

	DBs	Time Stamp
51	US-PGPUB; USPAT; EPO; JPO; DERWENT	2006/06/28 19:14
52	US-PGPUB; USPAT; EPO; JPO; DERWENT	2006/06/28 17:08
53	US-PGPUB; USPAT; EPO; JPO; DERWENT	2006/06/28 17:09
54	US-PGPUB; USPAT; EPO; JPO; DERWENT	2006/06/28 17:10
55	US-PGPUB; USPAT; EPO; JPO; DERWENT	2006/06/28 17:11
56	US-PGPUB; USPAT; EPO; JPO; DERWENT	2006/06/28 17:12
57	US-PGPUB; USPAT; EPO; JPO; DERWENT	2006/06/28 17:17
58	US-PGPUB; USPAT; EPO; JPO; DERWENT	2006/06/28 17:22
59	US-PGPUB; USPAT; EPO; JPO; DERWENT	2006/06/28 17:28
60	US-PGPUB; USPAT; EPO; JPO; DERWENT	2006/06/28 17:28
61	US-PGPUB; USPAT	2006/06/28 19:14
62	US-PGPUB; USPAT; EPO; JPO; DERWENT	2006/06/28 19:17
63	US-PGPUB; USPAT; EPO; JPO; DERWENT	2006/06/28 19:18
64	US-PGPUB; USPAT; EPO; JPO; DERWENT	2006/06/28 19:18
65	US-PGPUB; USPAT; EPO; JPO; DERWENT	2006/06/28 19:19
66	US-PGPUB; USPAT; EPO; JPO; DERWENT	2006/06/28 19:20
67	US-PGPUB; USPAT; EPO; JPO; DERWENT	2006/06/29 11:02

	Type	Hits	Search Text
68	BRS	1	S64 and (attenuat\$5 degree\$2)
69	BRS	149	(fiber\$1 fibre\$1) near7 end near5 angle\$2 near4 reflect\$5 near12 (receiv\$4 detect\$5 photodiod\$3 photodetect\$5 detect\$5 laser\$1 sourc\$2 vcSEL emit\$4)
70	BRS	61915	"385"/\$.ccls.
71	BRS	67	S72 and S73
72	BRS	67	S74 and angle\$1
73	BRS	6	("20050047717" "59999670" "20040120675" "5764832" "5999670" "6236786" "6330377").pn.
74	BRS	2	("6330377" "20040120675").pn.
75	BRS	0	S64 and (attenuat\$5 degree\$2 angle\$1) near12 (reduc\$3 loss\$4 intensi\$5 magnit\$4 wavelength\$2)
76	BRS	1	S63 and (attenuat\$5 degree\$2 angle\$1) near12 (reduc\$3 loss\$4 intensi\$5 magnit\$4 wavelength\$2)
77	BRS	1	S63 and (attenuat\$5 degree\$2 angle\$1 reduc\$3 loss\$4 intensi\$5 magnit\$4 wavelength\$2) same (reduc\$3 loss\$4 intensi\$5 magnit\$4 wavelength\$2)
78	BRS	1	S63 and (attenuat\$5 degree\$2 angle\$1 reduc\$3 loss\$4 intensi\$5 magnit\$4 wavelength\$2) same (grater lower high\$4 reduc\$3 loss\$4 intensi\$5 magnit\$4 wavelength\$2)
79	BRS	1	S63 and ('45' same (loss\$3 reflect\$4 db))
80	BRS	1	S63 and ('45' same (optim\$4 loss\$3 reflect\$6 db))
81	BRS	1	S63 and ('45' same (transmi\$5 optim\$4 loss\$3 reflect\$6 db))
82	BRS	173	(fiber\$3 near7 angle\$2 same angle\$2 near7 attenuat\$4)
83	BRS	124	S85 and (receiv\$4 detect\$5 photodiod\$3 photodetect\$5 detect\$5 laser\$1 sourc\$2 vcSEL emit\$4)

	DBs	Time Stamp
68	US-PGPUB; USPAT; EPO; JPO; DERWENT	2006/06/28 19:20
69	US-PGPUB; USPAT; EPO; JPO; DERWENT	2006/06/28 19:23
70	US-PGPUB; USPAT; EPO; JPO; DERWENT	2006/06/28 19:23
71	US-PGPUB; USPAT; EPO; JPO; DERWENT	2006/06/28 19:23
72	US-PGPUB; USPAT; EPO; JPO; DERWENT	2006/06/28 19:23
73	US-PGPUB; USPAT	2006/06/28 19:28
74	US-PGPUB; USPAT	2006/06/28 19:29
75	US-PGPUB; USPAT; EPO; JPO; DERWENT	2006/06/28 19:32
76	US-PGPUB; USPAT; EPO; JPO; DERWENT	2006/06/28 19:35
77	US-PGPUB; USPAT; EPO; JPO; DERWENT	2006/06/28 19:37
78	US-PGPUB; USPAT; EPO; JPO; DERWENT	2006/06/29 11:01
79	US-PGPUB; USPAT; EPO; JPO; DERWENT	2006/06/28 20:07
80	US-PGPUB; USPAT; EPO; JPO; DERWENT	2006/06/28 20:10
81	US-PGPUB; USPAT; EPO; JPO; DERWENT	2006/06/28 20:11
82	US-PGPUB; USPAT; EPO; JPO; DERWENT	2006/06/28 20:13
83	US-PGPUB; USPAT	2006/06/28 20:15

	Type	Hits	Search Text
84	BRS	1	10/735016
85	BRS	5	S85 and (receiv\$4 detect\$5 photodiod\$3 photodetect\$5 detect\$5) same (saturat\$4)
86	BRS	1	"5999670".pn.
87	BRS	0	Yoshimura and Ryoko and attenuat\$4
88	BRS	885	Yoshimura and attenuat\$4
89	BRS	2	S90 and (angl\$4 near7 (fiber\$2 waveguide\$1) near3 face)
90	BRS	2	S90 and (angl\$4 near7 (fiber\$2 waveguide\$1) near7 cut\$3)
91	BRS	2	S91 and (angl\$4 near7 (fiber\$2 waveguide\$1) near7 cut\$3)
92	BRS	40	S90 and (angl\$4 near7 (fiber\$2 waveguide\$1))
93	BRS	1	S90 and (angl\$4 near7 (fiber\$2 waveguide\$1)) same attenu\$5
94	BRS	1	S88 and (reduc\$5 less more increas\$4 decreas\$4 loss\$4 intensi\$5 magnit\$4 wavelength\$2 db '%')
95	BRS	1	S88 and (reduc\$5 less more increas\$4 decreas\$4 loss\$4 intensi\$5 magnit\$4 wavelength\$2 db '%' optim\$5)
96	BRS	1	"6751395".pn.
97	BRS	1	S98 and ('45' attenua\$5 'db' 'loss' degree degrees angl\$2)
98	BRS	4	("633037" "20040120675" "20050053334" "20030235366" "5734765" "69041" "97").pn.
99	BRS	6	("6330377" "20040120675" "20050053334" "20030235366" "5734765" "6904197").pn.
100	BRS	0	S101 and ('45' near12 angl\$2)
101	BRS	3	S101 and attenua\$5
102	BRS	3	S101 and attenua\$6

	DBs	Time Stamp
84	US-PGPUB; USPAT; EPO; JPO; DERWENT	2006/06/28 20:14
85	US-PGPUB; USPAT	2006/06/29 11:28
86	US-PGPUB; USPAT	2006/06/29 11:28
87	US-PGPUB; USPAT	2006/06/29 10:27
88	US-PGPUB; USPAT	2006/06/29 10:28
89	US-PGPUB; USPAT	2006/06/29 10:32
90	US-PGPUB; USPAT	2006/06/29 10:32
91	US-PGPUB; USPAT	2006/06/29 10:32
92	US-PGPUB; USPAT	2006/06/29 10:34
93	US-PGPUB; USPAT	2006/06/29 10:34
94	US-PGPUB; USPAT; EPO; JPO; DERWENT	2006/06/29 11:11
95	US-PGPUB; USPAT; EPO; JPO; DERWENT	2006/06/29 11:41
96	US-PGPUB; USPAT	2006/06/29 11:28
97	US-PGPUB; USPAT	2006/06/29 11:35
98	US-PGPUB; USPAT	2006/06/29 11:38
99	US-PGPUB; USPAT	2006/06/29 11:53
100	US-PGPUB; USPAT	2006/06/29 11:40
101	US-PGPUB; USPAT	2006/06/29 11:41
102	US-PGPUB; USPAT	2006/06/29 11:53

	Type	Hits	Search Text
103	BRS	3	S104 and (reduc\$5 less more increas\$4 decreas\$4 loss\$4 intensi\$5 magnit\$4 wavelength\$2 db '%' optim\$5) same (angl\$2 inclina\$5)
104	BRS	7	("6330377" "20040120675" "20050053334" "20030235366" "5734765" "6904197" "5764832").pn.
105	BRS	3	S106 and attenua\$6

	DBs	Time Stamp
103	US-PGPUB; USPAT; EPO; JPO; DERWENT	2006/06/29 11:42
104	US-PGPUB; USPAT	2006/06/29 11:53
105	US-PGPUB; USPAT	2006/06/29 11:53